[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS NEWS BULLETIN 797 20/02/94

Sunday Broadcast Schedules (Note 80 metre change)

3.545 MHz	0930 UTC	This relay is in recess from end of November until beginning of April.
7.045 MHz -3	0030 UTC	VK2CTD (Col)
14.070 MHz (amtor/fec)	0030 UTC	VK2DPM (Alan)
14.091 MHz	0030 UTC	VK2BQS (JIM)
146.675 MHz	0030/0930 UTC	VK2JPA (PAT)
144.850 MHz (ax25 bbs)		VK2JPA AT VK2RWI
146.675 MHz (rtty mmbbs/repeater)		VK2RTY

Views expressed in this news bulletin are not necessarily those of the Broadcast Officer, the Relay Officers, or of the Society.

Special reminder

As next weekend is Central Coast Field Day at Wyong, please note that the usual Sunday morning broadcast will go out at the same time a day earlier on the Saturday...

Repeat, the morning broadcast will take place at 0030UT on Saturday 26th February.

Of course, this is so ANARTS relay officers can go to the Field Day along with the rest of the East Coast amateurs. Look for us there, and say hello.

Back to normal the following Sunday ...

Change in 80m broadcast relay

Due to very poor propagation in this part of the cycle during summer months, it has been decided to drop the 80m relay of the cast from December to March inclusive. The relay will resume on the first Sunday in April, which is the 3rd this year.

This could be reviewed in future years, but should be in force until at least 1997, judging by the way the current solar cycle is progressing. The minimum for the cycle is estimated variously to come from late 1995 to around April 1996. This presumes that the cycle length will continue to shorten to under 10 years, the last cycle being 9.6 years in length. The decline of the present cycle is running three to eight months ahead of cycles 18, 19, and 21 (cycle 20 was of much lower amplitude).

Something good to remember -- the present cycle (cycle 22) reached its maximum in the record short interval of 2.8 years. Perhaps this next one will be similar.

Estimates courtesy of the IPS Radio and Space Services Solar-

Geophysical Summary January 1994.

A reminder for the Gosford - Central Coast Field Day

Don't forget the Central Coast Field Day on 27th February, at the prestige venue of the Wyong Racecourse in Howarth St. Wyong.

There you will meet the committee of ANARTS -- Col VK2CTD, President, Jim VK2BQS, Vice-President, Alan VK2DPM, Treasurer, and Pat VK2JPA, Broadcast Officer, will be floating around somewhere with a video camera. (I am also a member of the Gladesville Amateur Radio Club Inc. specialising in ATV, and I have been told that I don't float! Pat)

Don't forget to enter the Morse contest ANARTS will be running again. It was such a success last year that it will be a feature of the stand again this year. Polish your sending and receiving skills and come along and participate in this most historic method of amateur digital transmission.

A late amendment to our previous announcement of a display of computer pictures. Murphy has struck again and the hard disk crashed rather permanently by the sounds of things, so we can't show the fractals and other images we had lined up for display. There's always next year.

See you there.

DARC HF RTTY Contest (cont.)

Date: February 19-20, 1994

Sponsored by Deutscher Amateur-Radio-Club e V.

Multipliers: Each DXCC/WAE country, and each USA state, and each call district in JA, VE, and VK, (NOT USA), regardless of band. (NO band multipliers). For USA stations, count only the FIRST QSO with a USA station as a DXCC/WAE country multiplier, regardless of band.

QSO points: Count 1 point for QSO with own country (States of USA are not counted as countries).

Count 2 points for QSO outside your own country, but within continent.

Count 3 points for QSO outside your own continent.

Final score: Total QSO points x total of multipliers.

Awards: To top stations in each class, country and district mentioned above.

Logs: Logs must contain: Date, Time UTC, Callsign, Message sent/received, name, US-state, first-time-mult prefix, and QSO points. Also required is a Summary sheet with a list of

claimed multipliers. If entry is multi-op, please list names and callsigns of all ops. Comments are very much appreciated.

Deadlines; Part 1: May, 1994. Part 2: September 1, 1994.

Mail entry to:

Werner Ludwig, DF5BX
P.O. Box 12 70
D-49110 Georgsmarienhutte
Germany

IPS weekly report
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11 - 17 February 1994

Issue no.: 07

Date of issue: 18 February 1994

Date	11	12	13	14	15	16	17
10cm	93	98	98	101	104	105	106
A	38	27	30	28	26	16	(12 estimated)
T	20	26	36	48	72	41	54

Summary of activity

Solar activity was mostly very low except for 13th and 17th February when activity was low.

The geomagnetic field at Learmonth (WA) from 11th to 15th was mostly unsettled to active with storm levels at periods on 11th, and minor storm levels at times on the 12th-15th. Conditions on 16th were unsettled to active, and quiet to unsettled on 17th.

Ionospheric F2 critical frequencies at Sydney were near predicted levels 11th to partway through 13th when frequencies were firstly enhanced by up to 40 per cent, then depressed by up to 30 per cent after 1700UT. Frequencies on 14th to 15th ranged from near normal to up to 60 per cent enhanced, returning to near predicted values on 16th, then up to 15 per cent enhanced on 17th February. There was Sporadic E blanketing at 0800UT on 11th and some spread F during local night on 16th.

Forecast for the next week (18 - 24 February)

Solar : Low.

Geomagnetic: Active 20-23 February due to a coronal hole.

Ionospheric: Near predicted monthly values, MUFs are then expected to be depressed 15-20 per cent during the coronal hole activity.

Courtesy of IPS Radio and Space Services

VK2SG RTTY DX NOTES 11 FEB 94

VK2SG RTTY DX NOTES FOR WEEK ENDING 11 FEB 93 (BID RTDX0211)

OUR INFORMATION THIS WEEK CAME FROM 9X5LJ, I5AAX AND THE IK5PWJ PACKET CLUSTER, I5FLN, WB2CJL, AA5AU, W5KSI, ZS5S, AND THE NJ0M NODE OF THE TWIN CITIES DX PACKETCLUSTER NETWORK. THANKS TO ALL FOR YOUR HELP.

BANDPASS:

FRIDAY 4

0735-14084 FK8GS REV.	0939-14082 YL1ZE
1142-21083 UN8PFE	1302-14085 4S7RM
1320-14089 SO6AD/9	1340-14091 HK0DPA
1348-14088 9H1ET	1500-21085 TZ6FIC
1510-21089 XE1SRF	2350-14089 JA3DLE/1

SATURDAY 5

0245-14086 VQ9TV	0835-14082 6W6JX
1257-14087 YV5KAJ	1304-21085 TZ6FIC
1316-21082 TU4EV	1400-21088 ZD7DP
1435-21085 CU3EM	1525-14086 J88BS
1543-14081 4U1ITU	1707-14083 XU7VK
1817-14082 J28JJ	1918-14086 EA8AK
1922-14088 ZA1MH	2008-14092 FG5FI
2149-14085 FM5GN	2156-14087 LU4DXU

SUNDAY 6

0006-14085 S92ZM	
0042-21076 3Y0PI FEC QSL KA6V SEE NOTE	
0103-21076 3Y0PI ARQ	0620-14079 UA0ST
0624-14086 TR8MD QSL F6FNU	0648-14082 S53X
0756-14079 4U1ITU	0756 14079 4X/OK1FGV
0800-14080 T91ENS PACTOR	0826-14090 ER1PE
0830-14071 OD5ZZ PACTOR	0921-21086 EA6VS
0926-14083 UX0KC	0930-14085 6W6JX
0950-14090 UY7LT	0951-14090 RW8LZ
1035-14086 RV9CX	1050-14086 XU7VK QSL HA0HW
1053-14085 UN5PR	1053-14085 UH8WAD
1340-21085 ZS5J	1343-21083 SV9CAG
1400-14085 BV7WB	1400-21086 ZD7DP
1403-14087 4U1ITU	1405-14085 XU7VK
1415-14088 CU3EM	1431-14089 HP1XVI
1440-14091 YB3AQF	1441-28083 V50CM
1454-14086 TA5C	1506-21076 TU2BB PACTOR
1509-14091 UT2UZ	1533-14087 5B4VX
1538-21083 V50CM	1532-14080 VU2YK PACTOR
1705-14083 XU7VK	2226-14087 FM5GN
2322-14087 HP1XVI	

MONDAY 7

1107-14085 XU7VK	1711-14089 CO2AW
1829-14083 C91AI QSL CT1DGZ	1900-14084 3Y0PI INVERTED
2007-14083 CX3ABE	2021-21085 ZD7SM
2148-14084 CO2AW	2206-14084 YN4JAR
2224-14084 HK0DPA	2239-14084 S92ZM
2340-14084 ZP6EM	2354-14086 KP4SQ

TUESDAY 8

0002-14088 PJ2MI	0026-14083 VP8CIL
0030-14083 FY5FG	0032-14085 ZP6EM
0039-14080 3Y0PI QSX UP	0119-14076 3Y0PI
0302-14081 3Y0PI	0048-14082 CE3NDN PACTOR
1721-14090 HK0DPA	1822-14086 CO2AW
1857-14083 CX3ABE	1904-14085 5Z4FO

1930-14083 YN5JAR 2153-14070 V31AR FEC/ARQ
2218-14084 9Y4VU 2230-14082 CO2AW
2235-14080 3Y0PI PACTOR QRM
2300-14082 3Y0PI QSY'D TO ESCAPE PACTOR QRM

WEDNESDAY 9
0102-14082 3Y0PI STILL GOING STRONG

THURSDAY 10
0100-14081 V31JU

NOTES OF INTEREST:
TNX TO TONY WA4JQS, AT 3Y0PI, FOR HIS VALIANT EFFORTS IN SUCCESSFULLY REPAIRING THE RTTY GEAR UNDER THE MOST ADVERSE CONDITIONS.

A35JJ, TONGA - LOOK FOR A35JJ BETWEEN 12 AND 20 FEBRUARY ON ALL BANDS. QSL TO JR2KDN.

FOR NEXT WEEK'S BULLETIN, SEND YOUR BANDPASS AND NOTES OF INTEREST TO LUCIANO, I5FLN AT ZS5S.ZAF.AF OR AT 9X5LJ.#KGL.RWA.AF.

73 ES GOOD HUNTING DE JULES W2JGR AT W2TKU.#SRQFL.FL.USA.NA (VIA HF PACTOR)

Coming events

1994

February	19th-20th	DARC HF RTTY Contest
	27th	CCARC Field Day at Wyong
March	19th-20th	BARTG WW RTTY Contest
April	16th-17th	SARTG WW AMTOR Contest

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President (Col) VK2CTD, or the Secretary (Pat)VK2JPA @ VK2RWI

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or by packet to VK2JPA @ VK2RWI.

Email addresses for the Broadcast Officer are :

patl@extro.ucc.su.oz.au or VK2JPA @ VK2OP nsw.aus.oc

The Society welcomes news items on any digital subjects from anywhere in the broadcast footprint. We are looking forward to news from your areas to let other amateurs know what you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer
That concludes ANARTS NEWS797 20/02/94.

Inserted by VK2BQS Jim, Vice-President ANARTS.
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